

What is claimed is:

1. A component mounting mechanism which enables the tandem mounting of two components through a single opening in a device chassis comprising:
 - a frame member;
 - a first component attached to said frame member adjacent one end of said frame member;
 - means for supporting said frame member within said device chassis and enabling linear motion of said frame member into and out of said device chassis through a chassis access opening;
 - a latch element movably supported on said frame member at the end of said frame opposite said one end and including latch means which is engageable with cooperating latch means presented by said device chassis to secure said frame member within said chassis; and
 - means for manually releasing said latch element latch means from said chassis cooperating latch means;
 - whereby with said frame member inserted through said chassis access opening and retained by said latch element within said chassis, said frame member and said first component define at least a portion of a media form factor extending into said chassis from said chassis access opening
2. The component mounting mechanism of claim 1 wherein said first component is disposed within no more than half the volume defined by the length of said frame and the height and width of said first component at said one end of said frame member.
3. The component mounting mechanism of claim 2 wherein said first component is a blower.
4. The blower mounting mechanism of claim 3 further comprising biasing means carried by said latch element for engaging said frame member when said latch means is engaged with said

cooperating latch means to bias said frame toward the fully inserted position within said chassis..

5. The blower mounting mechanism of claim 4 further comprising a drop down handle pivotably mounted on said latch element and pivotable between an operative position at which it can be used to disengage said latch means from said cooperating latch means and a stored position closely adjacent said latch element.

6. A component mounting mechanism for mounting a component on and within a device chassis comprising:

- a frame member;

- a first component attached to said frame member adjacent one end of said frame member;

- a first track portion carried by said frame member;

- a second track portion presented by said chassis which engages and cooperates with said first track portion to permit relative linear motion of said frame member into and out of said chassis through a chassis opening and to provide support of said frame member on said chassis;

- a latch element supported on and longitudinally movable relative to said frame member at the end of said frame member opposite said one end and including a latch means which is engageable with a cooperating chassis latch means to retain said frame member within said chassis; and

- means for manually releasing said latch projection from said chassis opening.

7. The component mounting mechanism for mounting a component on and within a device chassis of claim 6 wherein said first component is a blower.

8. A blower mounting mechanism for mounting a blower on and within a device chassis of claim 7 wherein said latch element latch means comprises a projection formed as an integral part of said latch element and said cooperating chassis latch means comprises an opening in said chassis into which said projection is received when said frame is fully inserted into said chassis with said frame member one end first entering said chassis opening.

9. A blower mounting mechanism for mounting a blower on and within a device chassis of claim 8 further comprising biasing means carried by said latch element for engaging said frame member when said latch means is engaged with said cooperating latch means to bias said frame toward said fully inserted position within said chassis.

10. A blower mounting mechanism for mounting a blower on and within a device chassis of claim 9 wherein said latch element is a single integral molded member comprising a central portion which includes said latch element latch projection and a pair of longitudinally extending outrigger portions respectively connected at each lateral side of said central portion by a reduced cross section web portion with each said outrigger portion including a plurality of outwardly extending projections and said frame member includes a central cut out portion presenting confronting edge surfaces which are confined respectively between said latch element outrigger portions projections.

11. A blower mounting mechanism for mounting a blower on and within a device chassis of claim 10 further comprising a drop down handle pivotably mounted on said latch element central portion and pivotable between an operative position at which it can be used to disengage said latch projection from said chassis opening and a stored position closely adjacent said latch element.

12. A component mounting mechanism for mounting a component within a device chassis through a chassis opening comprising:

- a sheet metal tray member;

- a first component secured to the lower surface of said tray member adjacent one end thereof;

- a cut out portion of said tray member extending from the end opposite said one end that presents parallel, longitudinal edge surfaces;

- a latch element supported on said tray member at said cut out portion for limited longitudinal movement with respect to said tray;

a latch projection carried by said latch element;

said tray including a pair of inwardly extending, raised longitudinal flange means for aligning, inserting and supporting said tray within said chassis at said chassis opening, whereby, with the component mounting mechanism fully inserted through said chassis opening, the space extending longitudinally into said chassis beneath said tray member from said chassis opening to said first component can receive an industry standard form factor second component in tandem with said first component.

13. The component mounting mechanism for mounting a component within a device chassis of claim 12 wherein said latch element is a single integral molded member.

14. The component mounting mechanism for mounting a component within a device chassis of claim 13 further comprising biasing means formed as a part of said latch element for engaging said tray member when said tray member is fully inserted through said chassis opening to bias said tray member toward said fully inserted position.

15. The component mounting mechanism for mounting a component within a device chassis of claim 12 wherein said latch element comprises a central portion and a pair of outrigger portions positioned respectively at each lateral side of said latch element central portion with each secured to said central portion by a reduced cross section web and each presenting upper and lower outwardly extending projections that capture the respective said tray member parallel longitudinal edge surface therebetween.

16. The component mounting mechanism for mounting a component within a device chassis of claim 15 further comprising a drop down handle pivotably mounted on said latch element central portion and pivotable between a normal, operative, depending position whereat it can be grasped to manually manipulate said latch member and a stored position closely adjacent said latch element central portion.

17. The component mounting mechanism for mounting a component within a device chassis of claim 16 wherein said first component is a blower and said second component is a media device.